

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,087,584 B2  
APPLICATION NO. : 09/974592  
DATED : August 8, 2006  
INVENTOR(S) : Robert Korneluk et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2, Line 15, replace "bcl-2" with --Bcl-2--.

Column 2, Line 21, replace "bcl-2" with --Bcl-2--.

Column 4, Line 17, replace "a is" with --a--.

Column 5

Line 28, replace "structures. Summerton" with --structures (Summerton--;  
Line 29, replace "5,034,506." with --5,034,506).--;  
Line 34, replace " bone. P. E. Nielson" with --bone (P. E. Nilesen--;  
Line 35, replace "1497." with --1497). --.

Column 9

Line 40, replace "sample, e.g.," with -- sample (e.g., --;  
Line 41, replace "protein." with --protein). --.

Column 10, Line 6, replace "bcl-2" with --Bcl-2--.

Column 12

Line 17, replace "iap" with --IAP--;  
Line 62, replace "an" with --and--;  
Line 63, replace "iap and/or naip" with --IAP and/or NAIP--.

Column 13

Line 11, replace "iaps" with --IAPs--;  
Line 45, replace "iaps" with --IAPs--.

Column 21, Line 10, replace "lost" with --loss--.

Column 25, Line 63, replace "bcl-2" with --Bcl-2--.

Column 26

Line 48, replace "example 2 Hiap-2" with --example 2, Hiap-2--;  
Line 63, replace "iap" with --IAP--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 27,

Line 2, replace "cell" with --cells--;

Line 9, replace "Lac Z" with --IacZ--;

Line 17, remove the word "ready";

Lines 26/27, replace

"increased drug resistance.

We have optimized" with

--increased drug resistance. We have optimized--;

Line 34, replace "cell" with --cells--;

Line 57, replace "iaps" with --IAPs--;

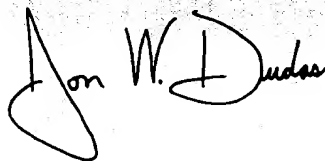
Line 67, replace "iap" with --IAP--.

Column 28, Line 1, replace "iap" with --IAP--.

Column 29, Line 66, replace "necessary" with --was necessary--.

Signed and Sealed this

Nineteenth Day of December, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*